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Department of Agriculture

Promising Apple Seedlings
and
Standard Varieties of Apples



A New Jersey No. 2 three-year old tree on Hiberna rootstock

Propagated and Distributed by

THE NEW JERSEY APPLE INSTITUTE, Inc.

NEW BRUNSWICK, NEW JERSEY

Fall, 1950 - Spring, 1951

The New Jersey Apple Institute has available for Fall 1950 planting some healthy, well grown one and two-year old trees of several promising apple seedlings developed at the New Jersey Agricultural Experiment Station. Trees of nine standard varieties, also are available through the same organization.

HARDY, VIGOROUS ROOTSTOCKS

All of the apple trees offered by the New Jersey Apple Institute are propagated on Hibernial and Virginia Crab rootstocks. These stocks are hardier and more resistant to disease than domestic seedlings. In addition to being very hardy, Hibernial rootstocks tend to induce early fruiting and strong, wide angled crotches.

The method of propagation used to produce trees on Hibernial and Virginia Crab rootstocks is more expensive than the common method of budding domestic apple seedlings. This increased propagating cost makes it necessary to charge a somewhat higher price for one or two-year old trees suitable for orchard planting. Experiences and observations over a period of several years indicate that the comparatively small difference between the price of trees propagated on domestic apple seedlings and trees on Hibernial or Virginia Crab rootstocks is offset many times by their increased hardiness, productiveness and uniformity.

N. J. No. 1

A large, attractive, winter apple similar to Rome in size and shape. It colors better than Rome and has a higher, richer flavor. The fruit hangs to the tree better than Rome and may be harvested at least a week later. It is an excellent cooking and baking apple. It can be held in cold storage in good condition later than Rome. It is a cross of Gallia Beauty and White Winter Pearmain.

N. J. No. 2

A firm, medium to large, attractive, early, green apple changing to yellow as it matures. It ripens a few days later than Starr, but a portion of the crop may be harvested with Starr in suitable condition for cooking. When fully mature it also is a good dessert apple. The trees come into bearing early and are productive, vigorous, hardy and resistant to fire-blight. A promising summer variety to replace English Codling and possibly Starr in some areas. It is a cross between Melba and Twenty Ounce Pippin.

N. J. No. 3

The fruit of this promising seedling resembles McIntosh in general appearance. It develops more red color than McIntosh at New Brunswick and hangs to the tree five days to a week later. The tree is of medium size and productive. It is a promising substitute for McIntosh where the latter normally does not develop enough red color.

N. J. No. 8

An attractive, medium to large apple of high quality, ripening during the first week in August at New Brunswick. The fruit is medium firm and

ORDER BLANK

Date....., 195

To THE NEW JERSEY APPLE INSTITUTE, INC.
c/o C. H. Steelman Fruit Nursery,
R.F.D. No. 3, Princeton, New Jersey:

I would like to place an order for the following trees:

<i>Variety</i>	<i>No. of Trees</i>	<i>Grade Preferred</i>	<i>Variety</i>	<i>No. of Trees</i>	<i>Grade Preferred</i>
N. J. No. 1.....			Opalescent.....		
N. J. No. 2.....			Double Red Delicious.....		
N. J. No. 3.....			Turley.....		
N. J. No. 8.....			Yellow Delicious.....		
Starr.....			Oregon Scarlet Stayman.....		
Twenty Ounce.....			Red Rome.....		
Summer Rambo.....					

LIABILITY AGREEMENT

Great care is used to avoid mistakes, but in case any trees prove to be untrue to the name under which they are sold, the original order will be replaced or the amount actually paid for such stock at the time of purchase will be refunded. The purchaser agrees to accept the trees on these terms.

Signed:.....

Address:.....

I will call for the trees at the Nursery.....when notified they are ready.

Please ship the trees to:.....

Enclosed find { Check for.....
Money order

Make checks and money orders payable to the New Jersey Apple Institute

generally develops an attractive red blush before it is ready to harvest. It is a cross of Petrel and Early McIntosh.

STARR

A large, green cooking apple harvested in July in central and southern New Jersey. All of the trees of this variety are on Hibernial rootstock, which is resistant to collar rot.

TWENTY OUNCE

A large, green baking and cooking apple harvested in central New Jersey during August. It is recognized as an excellent baking apple when harvested at the proper stage of maturity. All trees of this variety are on hardy Hibernial rootstock, resistant to collar rot and winter injury.

SUMMER RAMBO

An attractive, large, late summer apple of good quality. It may be harvested when still green and be suitable for cooking. When allowed to mature on the tree it develops red stripes and is suitable for both eating and cooking. The tree is strong, vigorous with large, thick, leathery leaves. It is productive and bears good crops annually.

OPALESCENT

A large, very attractive, bright red apple generally harvested between September 15 and October 1 in central New Jersey. The trees are productive and the fruit generally commands top market prices during late September and early October. All trees of this variety, offered by the New Jersey Apple Institute, are on Hibernial rootstocks.

DOUBLE RED DELICIOUS

A red bud sport of Delicious with all of the good qualities of that popular variety. It may be harvested earlier and develops more red color than the regular Delicious. All trees propagated on Hibernial rootstock.

TURLEY

A large, attractive, red apple of good quality ready to harvest about a week before Stayman. It does not crack like Stayman and develops more red color similar to but brighter than Paragon. It is an excellent cooking apple and superior to Paragon for eating. It is the most promising substitute for Stayman.

YELLOW DELICIOUS

An attractive, high quality, golden yellow apple. Excellent for cooking and eating.

OREGON SCARLET STAYMAN

This is one of the most attractive red bud sports of Stayman. It originated in Oregon. Other than developing fruit with more and better color both tree and fruit are similar to the regular Stayman.

RED ROME

This is one of the most promising red sports of Rome Beauty. The fruit develops an attractive, bright red color and the size compares favorably with Rome. The trees are similar to Rome in size, vigor and productiveness. All trees available are on Hiberna rootstock.

GRADES AND PRICES

<i>Grade</i>	<i>1 to 9 trees</i>	<i>10 to 49 trees</i>	<i>50 to 99 trees</i>	<i>100 to 499 trees</i>	<i>500 or more trees</i>
3 to 7 feet.....	\$1.50	\$1.25	\$1.10	\$1.00
5 to 7 feet.....	\$2.00

Trees may be secured at the C. H. Steelman Fruit Nursery on the Clarks-ville-Port Mercer Road, about one-quarter mile from State Highway Route 26, or U. S. Route 1. Telephone Princeton 2525.

PLACING ORDERS

All orders for trees should be sent to the C. H. Steelman Fruit Nursery, R. D. No. 3, Princeton, New Jersey. A deposit equal to ten per cent of the total cost of the trees is required with each order and the balance at the time of delivery.

All checks and money orders should be made to the order of the NEW JERSEY APPLE INSTITUTE.